C:\Documents and Settings\brobinson1\My Documents\strweb\Queries\ioplkj.str

```
chain nodes :
   13 14 19 20 21 22 23 31 33
ring nodes :
   1 2 3 4 5 6 7 8 9 10 11 12 27 28 29 30
chain bonds :
   5-9 13-14 20-21 22-23 31-33
ring bonds :
   1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 11-27 12-30 27-28
   28-29 29-30
exact/norm bonds :
           7-12 8-9 9-10 10-11 11-12 11-27 12-30 13-14 20-21 22-23 31-33
   5-9 7-8
normalized bonds :
   1-2 1-6 2-3 3-4 4-5 5-6 27-28 28-29 29-30
isolated ring systems :
   containing 1 : 7 :
G1:CH2, O, [*1]
```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:CLASS 14:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 27:Atom

28:Atom 29:Atom 30:Atom 31:CLASS 32:Atom 33:Atom

G2: [*2], [*3], [*4]

Generic attributes :

Match level :

33:

Saturation : Unsaturated Number of Carbon Atoms : less than 7 Number of Hetero Atoms : Exactly 1 Type of Ring System : Monocyclic

Element Count :

Node 33: Limited

C,C5 N,N1 C:\Documents and Settings\brobinson1\My Documents\stnweb\Queries\aewerw.str

```
ring nodes :
   1 2 3 4
                       9 10 11 12 27 28 29 30 34
                                                       35
                                                          36
                                                             37 38
chain bonds :
   5-9 13-14 20-21 22-23 31-35
ring bonds :
   1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 11-27 12-30 27-28
   28-29 29-30 34-35 34-39 35-36 36-37 37-38 38-39
exact/norm bonds :
   5-9 7-8 7-12 8-9 9-10 10-11 11-12 11-27 12-30 13-14 20-21 22-23 31-35
normalized bonds :
   1-2 1-6 2-3 3-4 4-5 5-6 27-28 28-29 29-30 34-35 34-39 35-36 36-37 37-38
   38-39
isolated ring systems :
```

23 31

22

G1:CH2,O,[*1]

chain nodes :

13 14 19 20 21

G2: [*2], [*3], [*4]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:CLASS 14:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 27:Atom 28:Atom 29:Atom 30:Atom 31:CLASS 34:Atom 35:CLASS 36:CLASS 37:Atom 38:Atom

39:Atom 40:Atom

containing 1 : 7 :

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				÷		

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```
chain nodes :
```

13 14 19 20 21 22 23 31

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 27 28 29 30 34 35 36 37 38 39

chain bonds :

5-9 13-14 20-21 22-23 31-34

ring bonds :

 $1-2 \quad 1-6 \quad 2-3 \quad 3-4 \quad 4-5 \quad 5-6 \quad 7-8 \quad 7-12 \quad 8-9 \quad 9-10 \quad 10-11 \quad 11-12 \quad 11-27 \quad 12-30 \quad 27-28$

28-29 29-30 34-35 34-39 35-36 36-37 37-38 38-39

exact/norm bonds :

5-9 7-8 7-12 8-9 9-10 10-11 11-12 11-27 12-30 13-14 20-21 22-23 31-34

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 27-28 28-29 29-30 34-35 34-39 35-36 36-37 37-38

38-39

isolated ring systems :

containing 1 : 7 :

G1:CH2,O,[*1]

G2:[*2],[*3],[*4]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom

12:Atom 13:CLASS 14:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 27:Atom

28:Atom 29:Atom 30:Atom 31:CLASS 34:Atom 35:CLASS 36:CLASS 37:Atom 38:Atom

39:Atom 40:Atom

	(FILE	E 'HOME' ENTERED AT 18:12:05 ON 25 FEB 2008)
L1 L2 L3 L4 L5 L5	FILE	'REGISTRY' ENTERED AT 18:12:10 ON 25 FEB 2008 STRUCTURE UPLOADED 0 S L1 STRUCTURE UPLOADED 0 S L3 STRUCTURE UPLOADED 1 S L5 218 S L5 FULL
1.8	FILE	'HCAPLUS' ENTERED AT 18:23:44 ON 25 FEB 2008 2 S L7
149	FILE	'CAOLD' ENTERED AT 18:23:56 ON 25 FEB 2008 0 S L7
L10 L11 L12	FILE	'REGISTRY' ENTERED AT 18:24:05 ON 25 FEB 2008 STRUCTURE UPLOADED 0 S L10 1 S L10 FULL
L13	FILE	'HCAPLUS' ENTERED AT 18:25:12 ON 25 FEB 2008 1 S L12
Ll4	FILE	'CAOLD' ENTERED AT 18:25:24 ON 25 FEB 2008 0 S L12
L15 L16 L17 L18	FILE	'REGISTRY' ENTERED AT 18:25:31 ON 25 FEB 2008 STRUCTURE UPLOADED 0 S L15 1 S L15 FULL 1 S L17 NOT L12
L19	FILE	'HCAPLUS' ENTERED AT 18:26:47 ON 25 FEB 2008 1 S L18
T50	FILE	'CAOLD' ENTERED AT 18:26:57 ON 25 FEB 2008 0 S L18
L21 L22 L23 L24 L25 L26 L27 L28 L29 L30		'REGISTRY' ENTERED AT 18:27:04 ON 25 FEB 2008 STRUCTURE UPLOADED 0 S L21 0 S L21 FULL STRUCTURE UPLOADED 0 S L24 0 S L24 FULL STRUCTURE UPLOADED 13 S L27 219 S L27 FULL 2 S L29 NOT L7
L31	FILE	'HCAPLUS' ENTERED AT 18:32:18 ON 25 FEB 2008 1 S L30
L32	FILE	'CAOLD' ENTERED AT 18:32:27 ON 25 FEB 2008 0 S L30

133		'REGISTRY' ENTERED AT 18:32:34 ON 25 FEB 2008 STRUCTURE UPLOADED
		0 S L33
1.34		
1.35		1 S L33 FULL
	च्याच	'HCAPLUS' ENTERED AT 18:33:46 ON 25 FEB 2008
1.36	FIDE	1 S L35
านจ ฮ		1 5 1133
	ялтя	'CAOLD' ENTERED AT 18:33:56 ON 25 FEB 2008
L37		0 S L35
3.2.3.7		0 0 1133
	FILE	'REGISTRY' ENTERED AT 18:34:03 ON 25 FEB 2008
1.38	1 1 1 1 1	STRUCTURE UPLOADED
L39		0 S L38
140		1 S L38 FULL
L41		1 S L40 NOT L36
*****		1 5 110 NOT 150
	FILE	'HCAPLUS' ENTERED AT 18:35:16 ON 25 FEB 2008
L42		1 S L41
	FILE	'CAOLD' ENTERED AT 18:35:35 ON 25 FEB 2008
1.43		0 S L41
	FILE	'REGISTRY' ENTERED AT 18:35:42 ON 25 FEB 2008
1,44		STRUCTURE UPLOADED
L45		1 S L44
1.46		STRUCTURE UPLOADED
L47		1 S L46
1.48		220 S L46 FULL
		'HCAPLUS' ENTERED AT 18:39:17 ON 25 FEB 2008
L49		2 S L48
	FILE	'CAOLD' ENTERED AT 18:39:48 ON 25 FEB 2008
LSO		0 S L48
	FILE	'REGISTRY' ENTERED AT 18:39:56 ON 25 FEB 2008
L51		
L52		STRUCTURE UPLOADED
1,53		0 S L51
		0 S L51 1 S L51 FULL
L54		0 S L51
		0 S L51 1 S L51 FULL 1 S L53 NOT L41
L54	FILE	0 S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008
	FILE	0 S L51 1 S L51 FULL 1 S L53 NOT L41
L54		0 S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008 1 S L54
L54		0 S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008 1 S L54 'CAOLD' ENTERED AT 18:41:21 ON 25 FEB 2008
L54		0 S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008 1 S L54
L54	FILE	0 S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008 1 S L54 'CAOLD' ENTERED AT 18:41:21 ON 25 FEB 2008 0 S L55
L54 L55 L56	FILE	0 S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008 1 S L54 'CAOLD' ENTERED AT 18:41:21 ON 25 FEB 2008 0 S L55 'REGISTRY' ENTERED AT 18:41:29 ON 25 FEB 2008
LSS LSS	FILE	0 S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008 1 S L54 'CAOLD' ENTERED AT 18:41:21 ON 25 FEB 2008 0 S L55 'REGISTRY' ENTERED AT 18:41:29 ON 25 FEB 2008 STRUCTURE UPLOADED
L54 L55 L56 L57 L58	FILE	0 S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008 1 S L54 'CAOLD' ENTERED AT 18:41:21 ON 25 FEB 2008 0 S L55 'REGISTRY' ENTERED AT 18:41:29 ON 25 FEB 2008 STRUCTURE UPLOADED 0 S L57
LSS LSS	FILE	0 S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008 1 S L54 'CAOLD' ENTERED AT 18:41:21 ON 25 FEB 2008 0 S L55 'REGISTRY' ENTERED AT 18:41:29 ON 25 FEB 2008 STRUCTURE UPLOADED
L54 L55 L56 L57 L58	FILE	0 S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008 1 S L54 'CAOLD' ENTERED AT 18:41:21 ON 25 FEB 2008 0 S L55 'REGISTRY' ENTERED AT 18:41:29 ON 25 FEB 2008 STRUCTURE UPLOADED 0 S L57
L54 L55 L56 L57 L58	FILE	0 S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008 1 S L54 'CAOLD' ENTERED AT 18:41:21 ON 25 FEB 2008 0 S L55 'REGISTRY' ENTERED AT 18:41:29 ON 25 FEB 2008 STRUCTURE UPLOADED 0 S L57 1 S L57 FULL
L54 L55 L56 L57 L58 L59	FILE	O S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008 1 S L54 'CAOLD' ENTERED AT 18:41:21 ON 25 FEB 2008 0 S L55 'REGISTRY' ENTERED AT 18:41:29 ON 25 FEB 2008 STRUCTURE UPLOADED 0 S L57 1 S L57 FULL 'HCAPLUS' ENTERED AT 18:42:41 ON 25 FEB 2008
L54 L55 L56 L57 L58 L59	FILE FILE	O S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008 1 S L54 'CAOLD' ENTERED AT 18:41:21 ON 25 FEB 2008 0 S L55 'REGISTRY' ENTERED AT 18:41:29 ON 25 FEB 2008 STRUCTURE UPLOADED 0 S L57 1 S L57 FULL 'HCAPLUS' ENTERED AT 18:42:41 ON 25 FEB 2008
L54 L55 L56 L57 L58 L59	FILE FILE	0 S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008 1 S L54 'CAOLD' ENTERED AT 18:41:21 ON 25 FEB 2008 0 S L55 'REGISTRY' ENTERED AT 18:41:29 ON 25 FEB 2008
L54 L55 L56 L57 L58 L59	FILE FILE	O S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008 1 S L54 'CAOLD' ENTERED AT 18:41:21 ON 25 FEB 2008 0 S L55 'REGISTRY' ENTERED AT 18:41:29 ON 25 FEB 2008 STRUCTURE UPLOADED 0 S L57 1 S L57 FULL 'HCAPLUS' ENTERED AT 18:42:41 ON 25 FEB 2008 1 S L59 'CAOLD' ENTERED AT 18:42:50 ON 25 FEB 2008
L54 L55 L56 L57 L58 L59	FILE FILE FILE	O S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008 1 S L54 'CAOLD' ENTERED AT 18:41:21 ON 25 FEB 2008 0 S L55 'REGISTRY' ENTERED AT 18:41:29 ON 25 FEB 2008 STRUCTURE UPLOADED 0 S L57 1 S L57 FULL 'HCAPLUS' ENTERED AT 18:42:41 ON 25 FEB 2008 1 S L59 'CAOLD' ENTERED AT 18:42:50 ON 25 FEB 2008
L54 L55 L56 L57 L58 L59	FILE FILE FILE	O S L51 1 S L51 FULL 1 S L53 NOT L41 'HCAPLUS' ENTERED AT 18:41:08 ON 25 FEB 2008 1 S L54 'CAOLD' ENTERED AT 18:41:21 ON 25 FEB 2008 0 S L55 'REGISTRY' ENTERED AT 18:41:29 ON 25 FEB 2008 STRUCTURE UPLOADED 0 S L57 1 S L57 FULL 'HCAPLUS' ENTERED AT 18:42:41 ON 25 FEB 2008 1 S L59 'CAOLD' ENTERED AT 18:42:50 ON 25 FEB 2008 0 S L59

L63 3 S L62 L64 451 S L62 FULL

FILE 'HCAPLUS' ENTERED AT 18:44:36 ON 25 FEB 2008

L65 2 S L64 L66 1 S L65

L66 1 S L65 NOT L49 L67 1 S L66 NOT L50

FILE 'CAOLD' ENTERED AT 18:45:39 ON 25 FEB 2008

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L68 0 L64